

AMILO Mini Ui 3520

The ultra-small and stylish companion on the move

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Enjoy your mobile lifestyle with this small and lightweight mini-notebook, whenever and wherever you are.

Key Features

Processor technology

- Intel® Atom™ N270 processor technology for purpose-built low-power ultra-mobile devices and enhanced battery runtime

Operating System

- Microsoft® Windows® XP Home Edition (SP3)

Responsibility

- Energy Star® 4.0 certified – energy-saving and energy-efficient

Mobility

- 8.9-inch LCD WSVGA non-glare display, perfect for outdoor usage
- Enjoy up to 4 hours battery runtime and no need for a socket
- Small size (232.4 x 175 x 29 / 35.8 mm) and lightweight (~ 1 kg)

Multimedia and Entertainment

- Integrated 1.3 megapixels webcam and built-in digital array microphone are perfect for video conferencing and Internet telephony (VoIP)
- Surf the Internet and check your e-mails when and wherever you want thanks to the integrated Wireless LAN
- Synchronize the calendars of your AMILO Mini and your mobile phone via Bluetooth® connection

Connectivity

- 4-in-1 card reader for easy access to pictures, movies and more
- ExpressCard slot (34 mm), e.g. for an UMTS-card
- 2x USB 2.0 ports for UMTS sticks or any other kind of accessories

Accessories

- Clip-on covers in different colors
- Optical disc drive with Nero software suite for DVD playback and CD/DVD burning
- 6-cell battery for an extended battery runtime (up to 8:10 hours)



Fujitsu Siemens Computers recommends Windows Vista® Home Premium

Operating system and Recovery	
Operating system	Genuine Microsoft® Windows® XP Home Edition (SP3)
Recovery	Recovery media and Drivers and Utility on CD or DVD are included
Product Design	
Color	Reveal white
System Architecture	
Platform	Intel® processor technology
Chipset	Intel® 945GSE
Processor	
Intel® Atom™	N270 (1.6 GHz, 533 MHz FSB, 512 KB L2 cache)
Memory	
Memory speed	1 SO-DIMM memory slot (no memory on board) 533 MHz
Memory type	DDR 2 RAM
Memory modules	1024 MB
Max. memory size	1024 MB
Drives	
Hard disk drive	
HDD type	PATA
HDD size	1.8-inch
HDD speed	4200 rpm
HDD cache	2 MB
HDD capacity ¹	60, 80 or 120 GB
Display	
Display type	LCD, non-glare
Display size	8.9-inch
Display resolution (internal)	1024 x 600 pixels
Display resolution (external)	Up to 2048 x 1536
Resolution type	WSVGA
Reaction time (rise/fall)	5/20 ms
Brightness (typ.)	220 NIT
Contrast (typ.)	500 : 1
Features	Dual display support to use the internal and an external display concurrent or simultaneously
Compliance with standards	ISO 13406-2 class II
Graphics	
Graphic card full name	-
Dedicated video memory	-
Onboard graphics chip	Intel® Graphics Media Accelerator 950
Shared video memory ¹	Up to 128 MB shared memory ¹
Features	■ DirectX® 9 support
Interfaces	
Video	1x VGA
Audio	1x line in combined with microphone in; 1x headphone out
Network	1x LAN (RJ-45)
Data	2x USB 2.0, 1x ExpressCard slot (34 mm) 1x 4-in-1 card reader (SD/SDHC, MS, MSPRO, MMC)
Power supply	1x DC-in
Communication	
Integrated Bluetooth®	2.1
LAN (Local Area Network)	10 / 100 Mbps
Built-in WLAN (Wireless Local Area Network)	Yes
WLAN type	IEEE 802.11b/g
WLAN max. connect rate	Up to 54 Mbps
WLAN encryption	WEP, WPA and WPA2
For use in	BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY

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Multimedia**Audio**

Audio chip

Speakers

Microphone

Input device

Support of high-definition audio

Realtek ALC269

2x built-in speakers (1.5 W each)

Built-in digital microphone (2x microphones)

Sound volume control via function key

AMILOcam

Image sensor

Frames per second

Features

1.3 mega pixels webcam

30²

■ Auto focus

■ Automatic brightness adjustment with status LED (on / off / busy)

Input devices / Control buttons

Power button

Located above the keyboard

Keyboard

Keyboard with 85 keys

Touchpad

Touchpad, with left and right mouse button

touchpad disable function via function key combination (Fn+F6)

Hot keys

The following hot keys or key combinations are available

■ Fn+F1 WLAN/Bluetooth® on/off

■ Fn+F2 No function / user selectable

■ Fn+F3 Mute on / off

■ Fn+F4 Volume down

■ Fn+F5 Volume up

■ Fn+F6 Touchpad on / off

■ Fn+F7 Camera on / off

■ Fn+F8 Brightness down

■ Fn+F9 Brightness up

■ Fn+F10 Display switch

■ Fn+F11 Silent mode

■ Fn+F12 S3 Sleep mode

Status indicators

The notebook has 3 status LEDs:

■ Power status (& suspend)

Blue (always on): on; Blue blinking: stand by, None: off

■ Battery charge

Blue (always on): full; Blue blinking: charging

■ WLAN / Bluetooth®

Blue: on; None: off

Security

Supervisor and user password

Yes

Kensington lock

No

Lid switch (hidden)

Yes

ACPI functions

■ Power on stand by (S1 LCD off)

■ Stand by / energy saving mode (S3 save to RAM)

■ Hibernate mode (S4 save to disk)

■ Off mode (S5 soft off)

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Power System**Battery³**

Battery type Lithium-Ion battery
4 cells, 14.4 V / 2200 mAh (cell)

Battery runtime (idle mode)⁴ Up to 4:25 hours
 Battery runtime (Internet surfing over WLAN) Up to 2:35 hours
 Battery charging time (idle mode)⁵ Up to 1:30 hours
 Battery charging time (maximum active mode)⁶ Up to 1:40 hours
 Battery charging time (off mode)⁷ Up to 1:20 hours

Energy consumption

S0 (idle mode) ~ 12 W
 S0 (max. active mode)⁸ ~ 19 W
 S3 (stand by / energy saving mode) ~ 1.1 W
 S4 (hibernate) ~ 0.9 W
 S5 (off mode) ~ 0.5 W

Noise emission

Idle mode⁹ 27.5 dBA / 0.46 Sone (silent mode off)
 Maximum active mode¹⁰ 30.5 dBA / 0.77 Sone (silent mode off)

AC Adapter

Wide Range AC adapter Dynamic charge supported
110 - 240 V AC, 50 - 60 Hz
Output 40 W with 20 V DC, 2 A

Operating conditions

Operational 5 °C to 35 °C (ambient temperature)
10 % to 90 % relative humidity, non-condensing

Dimensions and weight

W x D x H 232.4 x 175 x 29 (front) / 35.8 (back) mm
 Weight ~ 1 kg¹¹

Certifications

CE Marking
 R&TTE (WLAN, Bluetooth®)
 GOST (WLAN)
 Energy Star 4.0

Warranty

Country specific terms

Application Software

Home office Adobe Reader
CyberLink YouCam

Multimedia Windows Media Player (within Windows® XP operating system)

Internet Microsoft® Internet Explorer
Country specific Internet provider

Security Norman security software solution

Supplied Accessories

Included AC adapter 40 W
First Battery (4-cell)
Clip-on cover (bordeaux-red)

Manuals Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide

Drivers Updates downloadable at <http://www.fujitsu-siemens.com>

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Optional AccessoriesFind out more: www.fujitsu-siemens.com/accessories**Optical disc drive (USB)**

ODD type

USB

ODD technology

SuperMulti-format DVD burner with double layer (DL) support

ODD read speed

CD-ROM 24x, DVD-ROM 8x

ODD write speed

CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD-RAM 5x

Application software

Nero 7.8 Essentials (CD/DVD burn and DVD playback software)

Order number

S26391-F7119-L100

Clip-on cover

Pink and transparent

Order number: S26391-F7140-L111

Bordeaux-red and transparent

Order number: S26391-F7140-L110

Black (glossy) and transparent

Order number: S26391-F7140-L113

Bronze (glossy) and transparent

Order number: S26391-F7140-L114

Dark blue (glossy) and transparent

Order number: S26391-F7140-L112

Battery

Battery type

6 cells, 11.1 V / 5200 mAh (pack)

Battery runtime (idle mode)¹²

Up to 8:10 hours

Battery runtime (Internet surfing over WLAN)

Up to 5:40 hours

Battery charging time (idle mode)¹³

Up to 2:20 hours

Battery charging time (maximum active mode)¹⁴

Up to 2:50 hours

Battery charging time (off mode)¹⁵

Up to 2:00 hours

Order number

S26341-F110-L61

Awards

IT-techBLOG
Germany – 07/2008
“IT-techBLOG Award
2008 Mobile Computing”



Notebookjournal.de
Germany – 10/2008
“Very Good”

¹ 1024 MB system memory enables up to 128 MB total video memory (dedicated plus shared memory)

² AMILOcam frame rate can vary significantly depending on the used software application

³ DISCLAIMER: Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook

⁴ Tested with Battery Mark 4.0.1 (“power saver mode”)

⁵ Duration for 100%, started battermon.exe in parallel

⁶ Tested with 3DMark 2003 (duration for 100%) – started battermon.exe in parallel

⁷ Duration for 100%

⁸ Tested with 3DMark 2006

⁹ Tested according to ISO 7779 and ISO 9296

¹⁰ Tested according to ISO 7779 and ISO 9296

¹¹ Weight may vary depending on actual configuration

¹² Tested with Battery Mark 4.0.1 (“power saver mode”)

¹³ Duration for 90%, started battermon.exe in parallel

¹⁴ Tested with 3DMark 2003 (duration for 90%) – started battermon.exe in parallel

¹⁵ Duration for 90%

The configuration described in this document is generic only and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.